

# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Dept. of Health & Human Services  
Division of Environmental Health, 11 SHS  
(207) 287-5672 FAX (207) 287-4172

<b>PROPERTY LOCATION</b>		<b>&gt;&gt; CAUTION: LPI APPROVAL REQUIRED &lt;&lt;</b>	
City, Town, or Plantation	LAMOINE	Town/City <u>LAMOINE</u>	Permit # <u>1782</u>
Street or Road	DOUGLAS HIGHWAY	Date Permit Issued <u>10/14/15</u>	Fee \$ <u>265.00</u> Double Fee Charged ( )
Subdivision, Lot #	(NICK WOOD LOT)	<u>Millard Bellings</u> Local Plumbing Inspector Signature	
<b>OWNER/APPLICANT INFORMATION</b>		L.P.I. # _____	
Name (last, first, MI)	BROUGHMAN BUILDERS	<input type="checkbox"/> Owner <input type="checkbox"/> Town <input checked="" type="checkbox"/> State	
Mailing Address of	MIKE WIGHT BROUGHMAN BUILDERS 6 ACADIA WAY ELLSWORTH, ME. 04605	The Subsurface Wastewater Disposal System shall not be installed until a Permit is issued by the Local Plumbing Inspector. The Permit shall authorize the owner or installer to install the disposal system in accordance with the application and the Maine Subsurface Wastewater Disposal Rules.	
<input checked="" type="checkbox"/> Owner <input type="checkbox"/> Applicant			
Daytime Tel. #	(207) 667-7870	Municipal Tax Map # <u>9</u> Lot # <u>9A</u>	
<b>OWNER OR APPLICANT STATEMENT</b>		<b>CAUTION: INSPECTION REQUIRED</b>	
I state and acknowledge that the information submitted is correct to the best of my knowledge and understand that any falsification is reason for the Department and/or Local Plumbing Inspector to deny a permit.		I have inspected the installation authorized above and found it to be in compliance with Subsurface Wastewater Disposal Rules Application.	
Signature of Owner or Applicant <u>[Signature]</u> Date <u>10/12/15</u>		Local Plumbing Inspector Signature _____ (1st Date Approved) _____ (2nd Date Approved) _____	

## PERMIT INFORMATION

<b>TYPE OF APPLICATION</b> <input checked="" type="checkbox"/> 1. First Time System <input type="checkbox"/> 2. Replacement System Type Replaced: _____ Year Installed: _____ <input type="checkbox"/> 3. Expanded System <input type="checkbox"/> a. Minor Expansion <input type="checkbox"/> b. Major Expansion <input type="checkbox"/> 4. Experimental System <input type="checkbox"/> 5. Seasonal Conversion	<b>THIS APPLICATION REQUIRES</b> <input checked="" type="checkbox"/> 1. No Rule Variance <input type="checkbox"/> 2. First Time System Variance <input type="checkbox"/> a. Local Plumbing Inspector Approval <input type="checkbox"/> b. State & Local Plumbing Inspector Approval <input type="checkbox"/> 3. Replacement System Variance <input type="checkbox"/> a. Local Plumbing Inspector Approval <input type="checkbox"/> b. State & Local Plumbing Inspector Approval <input type="checkbox"/> 4. Minimum Lot Size Variance <input type="checkbox"/> 5. Seasonal Conversion Permit  <b>DISPOSAL SYSTEM TO SERVE</b> <input checked="" type="checkbox"/> 1. Single Family Dwelling Unit, No. of Bedrooms: <u>2</u> <input type="checkbox"/> 2. Multiple Family Dwelling, No. of Units: _____ <input type="checkbox"/> 3. Other: (SPECIFY) _____ Current Use: <input type="checkbox"/> Seasonal <input type="checkbox"/> Year Round <input checked="" type="checkbox"/> Undeveloped	<b>DISPOSAL SYSTEM COMPONENT(S)</b> <input checked="" type="checkbox"/> 1. Complete Non-engineered System <input type="checkbox"/> 2. Primitive System (graywater & alt. toilet) <input type="checkbox"/> 3. Alternative Toilet, specify: _____ <input type="checkbox"/> 4. Non-engineered Treatment Tank (only) <input type="checkbox"/> 5. Holding Tank, _____ gallons <input type="checkbox"/> 6. Non-engineered Disposal Field (only) <input type="checkbox"/> 7. Separated Laundry System <input type="checkbox"/> 8. Complete Engineered System (2000 gpd or more) <input type="checkbox"/> 9. Engineered Treatment Tank (only) <input type="checkbox"/> 10. Engineered Disposal Field (only) <input type="checkbox"/> 11. Pre-treatment, specify: _____ <input type="checkbox"/> 12. Miscellaneous components  <b>TYPE OF WATER SUPPLY</b> <input checked="" type="checkbox"/> 1. Drilled Well <input type="checkbox"/> 2. Dug Well <input type="checkbox"/> 3. Private <input type="checkbox"/> 4. Public <input type="checkbox"/> 5. Other: _____
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## DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

<b>TREATMENT TANK</b> <input checked="" type="checkbox"/> 1. Concrete <input checked="" type="checkbox"/> a. Regular <input type="checkbox"/> b. Low Profile <input type="checkbox"/> 2. Plastic <input type="checkbox"/> 3. Other: _____ CAPACITY <u>1000</u> gallons	<b>DISPOSAL FIELD TYPE &amp; SIZE</b> <input type="checkbox"/> 1. Stone Bed <input type="checkbox"/> 2. Stone Trench <input checked="" type="checkbox"/> 3. Proprietary Device <u>21 TYPE B43</u> <u>GSE UNITS (EVEN IN DRAINS)</u> <input type="checkbox"/> a. Cluster Array <input checked="" type="checkbox"/> c. Linear <input type="checkbox"/> b. Regular load <input type="checkbox"/> d. H-20 load <input type="checkbox"/> 4. Other: _____ SIZE <u>1008</u> sq. ft. <input type="checkbox"/> lin. ft.	<b>GARBAGE DISPOSAL UNIT</b> <input checked="" type="checkbox"/> 1. No <input type="checkbox"/> 2. Yes <input type="checkbox"/> 3. Maybe If Yes or Maybe, specify one below: <input type="checkbox"/> a. Multi-compartment Tank <input type="checkbox"/> b. _____ Tanks in Series <input type="checkbox"/> c. Increase in Tank Capacity <input type="checkbox"/> d. Filter on Tank Outlet	<b>DESIGN FLOW</b> <u>180</u> gallons per day BASED ON <input checked="" type="checkbox"/> 1. Table 4A (dwelling unit(s)) <input type="checkbox"/> 2. Table 4C (other facilities) SHOW CALCULATIONS for other facilities
<b>SOIL DATA &amp; DESIGN CLASS</b> PROFILE CONDITION <u>9 / C</u> at Observation Hole # <u>1</u> Depth <u>15</u> " OF MOST LIMITING SOIL FACTOR	<b>DISPOSAL FIELD SIZING</b> <input type="checkbox"/> 1. Medium - 2.6 sq. ft./gpd <input type="checkbox"/> 2. Medium-Large - 3.3 sq. ft./gpd <input type="checkbox"/> 3. Large - 4.1 sq. ft./gpd <input checked="" type="checkbox"/> 4. Extra Large - 5.0 sq. ft./gpd	<b>EFFLUENT/EJECTOR PUMP</b> <input checked="" type="checkbox"/> 1. Not Required <input type="checkbox"/> 2. May be Required <input type="checkbox"/> 3. Required Specify only for engineered systems DOSE: _____ gallons	<input type="checkbox"/> 3. Section 4G (meter readings) ATTACH WATER METER DATA <b>LATITUDE AND LONGITUDE</b> at Center of Disposal Area Lat. <u>44° 35' 50.0" N</u> Lon. <u>68° 10' 04.3" W</u> if g.p.s., state margin of error <u>3.0'</u>

## SITE EVALUATOR STATEMENT

I certify that on 10-2-15 (date) I completed a site evaluation on this property and state that the data reported are accurate and that the proposed system is in compliance with the State of Maine Subsurface Wastewater Disposal Rules (10-144A CMR 241).

<u>[Signature]</u> Site Evaluator Signature <b>WILLIAM A. LaBELLE, JR.</b>	319 SE# (207) 537-5900	<u>10-7-15</u> Date E-mail Address <b>labelleseptic@rivah.net</b>
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Note: Changes to or deviations from the design should be confirmed with the Site Evaluator.

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Town, City, Plantation  
**LAMOINE**

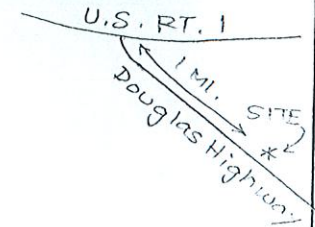
Street, Road, Subdivision  
**DOUGLAS HIGHWAY**

Owner or Applicant Name  
**BROUGHMAN BUILDERS**

**SITE PLAN**

Scale 1" = 50 Ft.

**SITE LOCATION PLAN**  
(Attach map from Maine Atlas  
for First Time System Variance)



(SEE ATTACHED SITE PLAN)

## SOIL PROFILE DESCRIPTION AND CLASSIFICATION (Location of Observation Holes Shown Above or on pg. 2A)

Observation Hole #1 ☒ Test Pit ☐ Boring

1/2 " Depth of organic horizon above mineral soil

Texture	Consistency	Color	Mottling
SILT LOAM TO SILTY CLAY LOAM	FRIABLE	DARK BROWN (10YR 3/3) YELLOWISH BROWN (10YR 5/4)	N.E. FEW DISTINCT
CLAY	COMPACTED		
DEPTH BELOW MINERAL SOIL SURFACE (inches)			
10			
20			
30			
40			
50			
Soil Profile <u>9</u>	Classification <u>C</u>	Slope <u>14 %</u>	Limiting Factor <u>15"</u> Depth
			<input checked="" type="checkbox"/> Ground Water <input type="checkbox"/> Restrictive Layer <input type="checkbox"/> Bedrock <input type="checkbox"/> Pit Depth

Observation Hole #2 ☒ Test Pit ☐ Boring

1/2 " Depth of organic horizon above mineral soil

Texture	Consistency	Color	Mottling
SILT LOAM TO SILTY CLAY LOAM TO CLAY	FRIABLE COMPACTED	BROWN (10YR 4/3) LIGHT OLIVE BROWN (2.5Y 5/3)	N.E. FEW DISTINCT
DEPTH BELOW MINERAL SOIL SURFACE (inches)			
10			
20			
30			
40			
50			
Soil Profile <u>9</u>	Classification <u>C</u>	Slope <u>14 %</u>	Limiting Factor <u>15"</u> Depth
			<input checked="" type="checkbox"/> Ground Water <input type="checkbox"/> Restrictive Layer <input type="checkbox"/> Bedrock <input type="checkbox"/> Pit Depth

W.C. L. Jr.  
Site Evaluator's Signature

319  
S. E. #

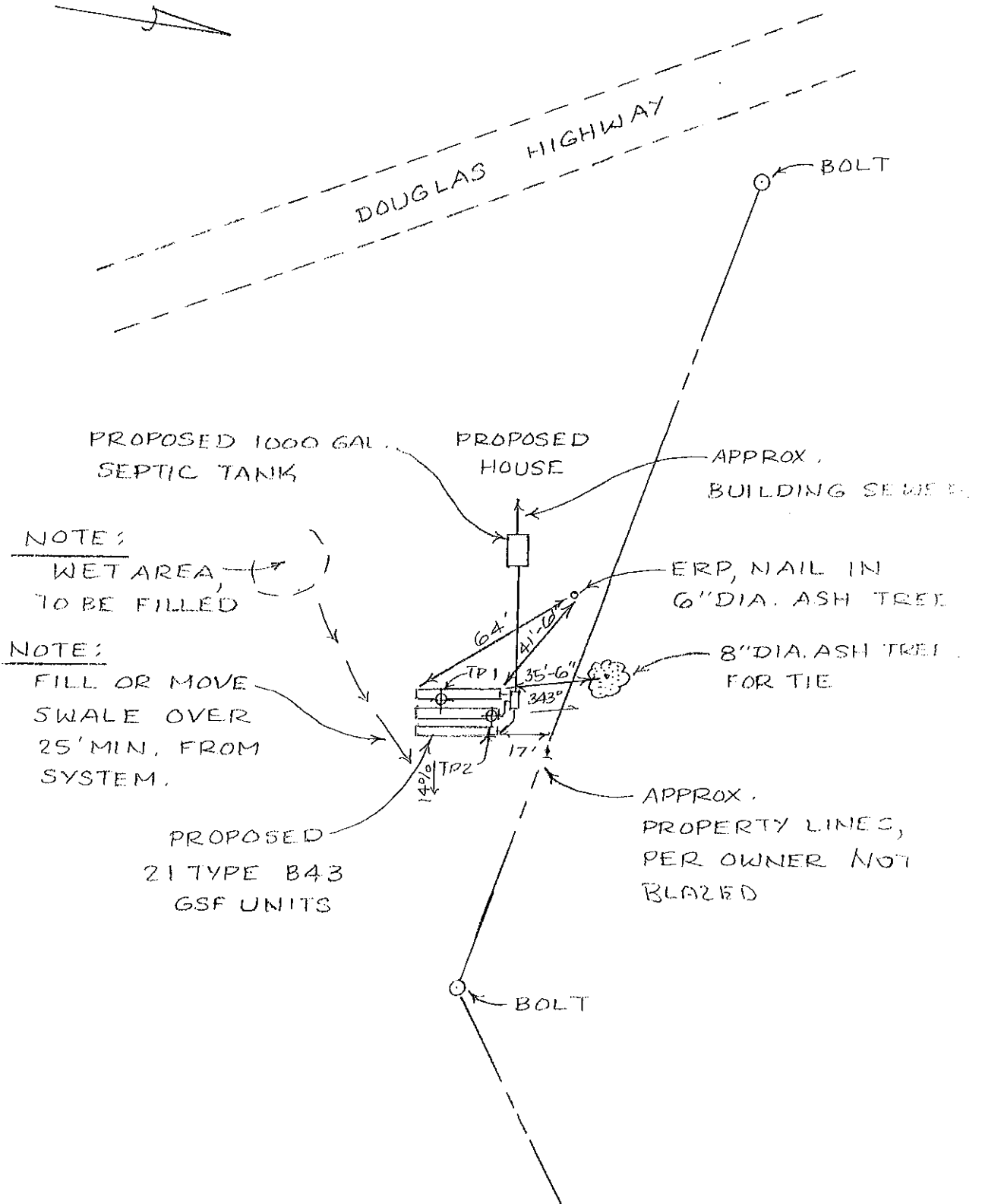
10-7-15  
Date

Town, City, Plantation LAMOINE	Street, Road, Subdivision DOUGLAS HIGHWAY	Owner or Applicant Name BROUGHMAN BUILDERS
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# SITE PLAN:

SCALE: 1" = 50 FT.

MAGNETIC  
NORTH



*W. C. L. H.*  
Site Evaluator's Signature

319  
S.E. #

10-7-15  
Date

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BROUGHMAN BUILDING CO

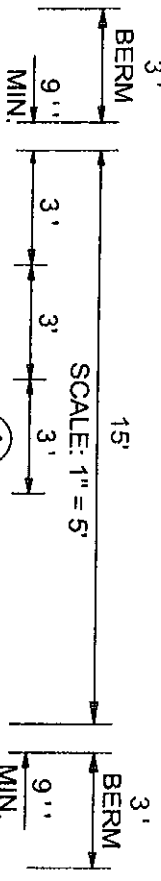
1. Tank(s) must be 8' minimum from building.
2. Grade surrounding area to divert surface water away from system.
3. Well to be 51' minimum from septic tank(s) and 100' minimum from disposal field.
4. All work done adjacent to wetlands and water bodies must be done in compliance with section 11-M of the Subsurface Wastewater Disposal Rules. Erosion and sediment control measures must be in accordance with the March 2003 edition of the Maine DEP Handbook "Maine Erosion and Sediment Control BMPS" (DEPW0588).
5. Install septic tank(s) risers 18" in diameter "minimum" to within 6" of finished grade on inlet, cleanout and outlet covers (recommend extending risers to finish grade).
6. Full basement below grade foundation, frost wall or columns must be 20' minimum from edge of disposal field and slab on grade must be 15' minimum from edge of disposal field.

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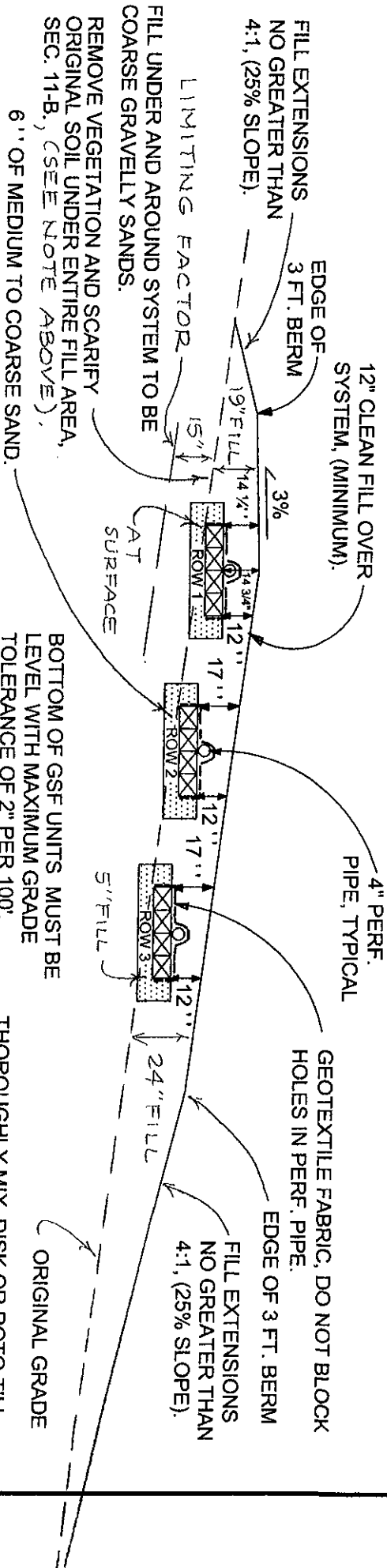
# GSF UNITS CROSS SECTION 14%

NOTE: GRADE UPSLOPE TO DIVERT SURFACE WATER AWAY FROM SYSTEM.

TOP 4" OF FILL TO BE A GOOD LOAM SOIL MIX TO ESTABLISH A GOOD VEGETATIVE COVER; SEED AND MULCH TO PREVENT EROSION, SEC. 11-G.



FILL MATERIAL SHALL BE 8"-12" THICK OVER GSF UNITS AND SHALL BE GRAVELLY COARSE SAND TO THE STANDARDS IN SEC. 11-E IN THE SUBSURFACE RULES.



ELEV. REF. PT. (ERP):

ROW #1 ROW #2 ROW #3

FINISHED GRADE: (MIN. -41" -51" -61")

TOP OF PIPE: -49" -59" -69"

TOP OF GSF UNITS: -53" -63" -73"

\* BOTTOM OF GSF UNITS: -60" -70" -80"

BOTTOM OF SAND: -66" -76" -86"

OWNER: BROUGHMAN BUILDERS

LOCATION: LA MOINE

WILLIAM A. LABELLE, JR.

NOTE:

SYSTEM MUST BE INSTALLED ACCORDING TO THE RULES AND PRACTICES SET FORTH IN THE MOST CURRENT VERSION OF THE STATE OF MAINE SUBSURFACE WASTEWATER DISPOSAL RULES. INSTALLATION CONTRACTOR MUST BE FAMILIAR WITH SAID RULES AND CONSTRUCT SYSTEM IN FULL COMPLIANCE WITH SECTION 11 OF SAID RULES.

S.E.#

319

DATE

10-7-15